

What is claimed is:

1. A heat resistant masking tape, comprising (1) a heat resistant backing film layer; and (2) a pressure-sensitive adhesive layer disposed on the heat resistant backing film layer, wherein the pressure-sensitive adhesive layer comprises a polymer resulting from polymerizing and cross-linking a monomer mixture comprising an alkyl (meth)acrylate with an alkyl group having 4 to 15 carbon atoms, glycidyl(meth)acrylate and (meth)acrylic acid, the glycidyl(meth)acrylate being present in an amount of 2 to 13% by weight of the total weight of monomers and the (meth)acrylic acid being present in an amount of 1 to 7% by weight of the total weight of monomers.

2. A heat resistant masking tape according to claim 1, wherein said pressure-sensitive adhesive layer has a thickness of 0.5 to 100 μm .

3. A heat resistant masking tape according to claim 1 or 2, wherein said heat resistant backing film layer is a layer of polyethylene terephthalate, polyethylene naphthalate, polyphenylene sulfide or polyimide.

4. A heat resistant masking tape according to any one of claims 1 to 3, wherein said heat resistant backing layer has a thickness of 1 to 250 μm .